

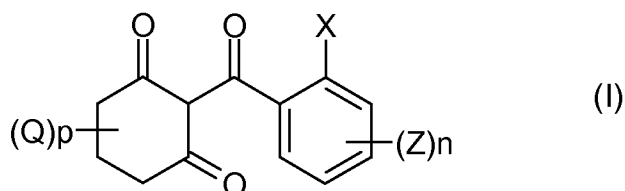
AMENDMENTS TO THE CLAIMS

Changes shown with additions and ~~[[deletions]]~~, the double bracket format preferred in this instance for ease of illustrating certain changes.

This listing of claims will replace all prior versions, and listings, of claims in the application:

We claim:

1. (Previously Presented) A herbicidal composition comprising:
 - (i) a metal chelate of a 2-(substituted benzoyl)-1,3-cyclohexanedione of formula (I)



wherein X represents a halogen atom; a straight- or branched-chain alkyl or alkoxy group containing up to six carbon atoms which is optionally substituted by one or more groups $-OR^1$ or one or more halogen atoms; or a group selected from nitro, cyano, $-CO_2R^2$, $-S(O)_mR^1$, $-O(CH_2)_rOR^1$, $-COR^2$, $-NR^2R^3$, $-SO_2NR^2R^3$, $-CONR^2R^3$, $-CSNR^2R^3$ and $-OSO_2R_4$;

R^1 represents a straight- or branched-chain alkyl group containing up to six carbon atoms which is optionally substituted by one or more halogen atoms;

R^2 and R^3 each independently represents a hydrogen atom; or a straight- or branched-chain alkyl group containing up to six carbon atoms which is optionally substituted by one or more halogen atoms;

R^4 represents a straight- or branched-chain alkyl, alkenyl or alkynyl group containing up to six carbon atoms optionally substituted by one or more halogen atoms; or a cycloalkyl group containing from three to six carbon atoms;

each Z independently represents halo, nitro, cyano, $S(O)_mR^5$, $OS(O)_mR^5$, (C_1-C_6) alkyl, (C_1-C_6) alkoxy, (C_1-C_6) haloalkyl, (C_1-C_6) haloalkoxy, carboxy, (C_1-C_6) alkylcarbonyloxy, (C_1-C_6) alkoxycarbonyl, (C_1-C_6) alkylcarbonyl, amino, (C_1-C_6) alkylamino, (C_1-C_6) dialkylamino having independently the stated number of carbon atoms in each alkyl group, (C_1-C_6) alkylcarbonylamino, (C_1-C_6) alkoxycarbonylamino, (C_1-C_6) alkylaminocarbonylamino, (C_1-C_6) dialkylaminocarbonylamino having independently the stated number of carbon atoms in each alkyl group, (C_1-C_6) alkoxycarbonyloxy, (C_1-C_6) alkylaminocarbonyloxy,

(C₁-C₆)dialkylcarbonyloxy, phenylcarbonyl, substituted phenylcarbonyl, phenylcarbonyloxy, substituted phenylcarbonyloxy, phenylcarbonylamino, substituted phenylcarbonylamino, phenoxy or substituted phenoxy;

R⁵ represents cyano, -COR⁶, -CO₂R⁶ or -S(O)_mR⁷;

R⁶ represents hydrogen or straight- or branched-chain alkyl group containing up to six carbon atoms;

R⁷ represents (C₁-C₆)alkyl, (C₁-C₆)haloalkyl, (C₁-C₆)cyanoalkyl, (C₃-C₈)cycloalkyl optionally substituted with halogen, cyano or (C₁-C₄)alkyl; or phenyl optionally substituted with one to three of the same or different halogen, nitro, cyano, (C₁-C₄)haloalkyl, (C₁-C₄)alkyl, (C₁-C₄)alkoxy or -S(O)_mR⁸;

R⁸ represents (C₁-C₄)alkyl;

each Q independently represents (C₁-C₄)alkyl or -CO₂R⁹ wherein R⁹ is (C₁-C₄)alkyl;

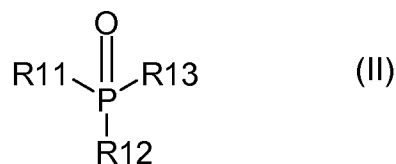
m is zero, one or two;

n is zero or an integer from one to four;

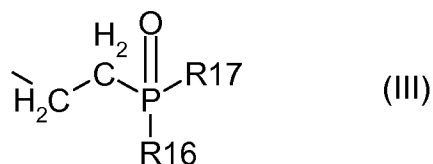
r is one, two or three; and

p is zero or an integer from one to six; and

(ii) an organic phosphate, phosphonate or phosphinate adjuvant, wherein the phosphate, phosphonate or phosphinate adjuvant is a compound of formula II



wherein R¹¹ is an alkoxy group containing from 4 to 20 carbon atoms or a group -[OCH₂CHR¹⁴]_t-OR¹⁵ wherein R¹⁴ is hydrogen, methyl or ethyl, t is from 0 to 50 and R¹⁵ is hydrogen or an alkyl group containing from 1 to 20 carbon atoms; and R¹² and R¹³ are independently (i) an alkyl or alkenyl group containing from 4 to 20 carbon atoms; (ii) optionally substituted phenyl; (iii) an alkoxy group containing from 4 to 20 carbon atoms or (iv) a group -[OCH₂CHR¹⁴]_t-OR¹⁵ as herein defined; or (v) a group of formula (III)



wherein R^{16} is an alkoxy group containing from 4 to 20 carbon atoms or a group $-[OCH_2CHR^{14}]_t-OR^{15}$ as herein defined and R^{17} is an alkyl group containing from 4 to 20 carbon atoms, optionally substituted phenyl, an alkoxy group containing from 4 to 20 carbon atoms or a group $-[OCH_2CHR^{14}]_t-OR^{15}$ as herein defined; and wherein t is from 0 to ten.

2. (Original) A herbicidal composition according to claim 1, wherein X is chloro, bromo, nitro, cyano, C_1-C_4 alkyl, $-CF_3$, $-S(O)_mR^1$, or $-OR^1$.
3. (Previously Presented) A herbicidal composition according to claim 1, wherein each Z is independently chloro, bromo, nitro, cyano, C_1-C_4 alkyl, $-CF_3$, $-OR^1$, $-OS(O)_mR^5$ or $-S(O)_mR^5$.
4. (Previously Presented) A herbicidal composition according to claim 1, wherein n is one or two.
5. (Previously Presented) A herbicidal composition according to claim 1, wherein p is zero.
6. (Previously Presented) A herbicidal composition according to claim 1, wherein the compound of formula (I) is selected from the group consisting of
 2-(2'-nitro-4'-methylsulphonylbenzoyl)-1,3-cyclohexanedione,
 2-(2'-nitro-4'-methylsulphonyloxy benzoyl)-1,3-cyclohexanedione,
 2-(2'-chloro-4'-methylsulphonylbenzoyl)-1,3-cyclohexanedione,
 4,4-dimethyl-2-(4-methanesulphonyl-2-nitrobenzoyl)-1,3-cyclohexanedione,
 2-(2-chloro-3-ethoxy-4-methanesulphonylbenzoyl)-5-methyl-1,3-cyclohexanedione and
 2-(2-chloro-3-ethoxy-4-ethanesulphonylbenzoyl)-5-methyl-1,3-cyclohexanedione.
7. (Canceled)
8. (Previously Presented) A herbicidal composition according to claim 1, wherein the compound of formula (II) is a phosphate in which R^{11} , R^{12} and R^{13} are all independently alkoxy groups.
9. (Previously Presented) A herbicidal composition according to claim 1, wherein the compound of formula (II) is a phosphonate in which R^{11} and R^{12} are both independently alkoxy groups and R^{13} is an alkyl, alkenyl or optionally substituted phenyl group.

10. (Previously Presented) A herbicidal composition according to claim 1, wherein the compound of formula (II) is a phosphinate in which R^{11} is an alkoxy group and R^{12} and R^{13} are both independently an alkyl, alkenyl or optionally substituted phenyl group.
11. (Previously Presented) A process for the control of at least one weed, said process comprising applying to a locus of the at least one weed a herbicidally effective amount of a composition as claimed in claim 1.
12. (Previously Presented) A method of improving the selectivity of a metal chelate of a 2-(substituted benzoyl)-1,3-cyclohexanedione of formula (I) as defined in claim 1, when applied to unwanted vegetation in a crop of useful plants, said method comprising the applying of a herbicidally effective amount of a composition as claimed in claim 1.
13. (Previously Presented) The process of claim 11, wherein the at least one weed is selected from the group consisting of *Stellaria*, *Nasturtium*, *Agrostis*, *Digitaria*, *Avena*, *Setaria*, *Sinapis*, *Lolium*, *Solanum*, *Phaseolus*, *Echinochloa*, *Scirpus*, *Monochoria*, *Sagittaria*, *Bromus*, *Alopecurus*, *Sorghum halepense*, *Rottboellia*, *Cyperus*, *Abutilon*, *Sida*, *Xanthium*, *Amaranthus*, *Chenopodium*, *Ipomoea*, *Chrysanthemum*, *Galium*, *Viola*, and *Veronica*.
14. (Previously Presented) The process of claim 11, wherein the locus is soil, seed, seedling or established vegetation.